

Substitute for form 1449A/PTO

**ATTORNEY'S DKT NO.**

**060000-198**

APPLICATION NO.

10/020,887

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT.

**APPLICANT**

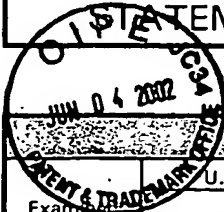
Tetsufumi SHIMA et al.

FILING DATE

December 19, 2001

GROUP

2681



## U.S. PATENT DOCUMENTS

[illegible]

# FOREIGN PATENT DOCUMENTS

[illegible]

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
<i>LS</i>	S. VERDU: "Multiuser Detection", Cambridge University Press, 1998, pages 161-165.		
<i>LS</i>	3GPP: "Physical channels and mapping of transport channels onto physical channels (FDD)", TS 25.211 V2.1.0 (1999-06).		
Examiner Signature	<i>Shirina</i>	Date Considered	<i>2/25/05</i>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

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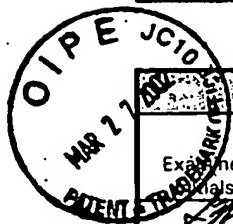
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U.S. PATENT DOCUMENTS						
Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)		
	Number	Kind Code (if known)				
<i>LW</i>	5,644,592		Divsalar et al.	July 1, 1997		
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
<i>LW</i>	EP0923199A		Europe	June 16, 1999		
<i>LW</i>	EP0949766A		Europe	October 13, 1999		
NON-PATENT LITERATURE DOCUMENTS						
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
<i>LW</i>	WEON YONG JOO et al.: "A Weighted Parallel Interference Cancellation Detector for Convolutionally Coded CDMA Systems", VTC 2000-Spring. 2000 IEEE 51 <sup>st</sup> . Vehicular Technology Conference Proceedings. Tokyo, Japan, May 15-18, 2000, IEEE Vehicular Technology Conference, New York, NY: IEEE, US, Vol. 2 of 3. Conf. 51, May 15, 2000, pages 1100-1104, XP000968040.					
<i>LW</i>	SAWAHASHI et al.: "Pilot Symbol-Assisted Coherent Multistage Interference Canceller Using Recursive Channel Estimation for DS-CDMA Mobile Radio"; IEICE Transactions on Communications, Institute of Electronics Information and Comm. Eng. Tokyo, JP, Vol. E79B, No. 9, September 1, 1996, pages 1262-1269, XP000636064.					
<i>LW</i>	S. MOSHAVI: "Multi-User Detection for DS-CDMA Communications", IEEE Communications Magazine, October 1996.					
<i>LW</i>	D. DIVSALAR et al.: "Improved Parallel Interference Cancellation for CDMA": IEEE Transactions on Communications, Vol. 42, No. 2, February 1998, pages 258-268.					
<i>LW</i>	T. SUZUKI et al.: "Near-Decorrelating Multistage Detector for Asynchronous DS-CDMA": IEICE Trans. Commun., Vol. E81-B, No. 3, March 1998, pages 553-564.					
<i>LW</i>	K. HIGUCHI et al.: "Laboratory Experiments on Coherent Multistage Interference Canceller Using Interference Rejection Weight Control for DS-CDMA Mobile Radio": IEICE Technical Report, CS99-37, RCS99-29 (1999-06), English translation of Abstract.					
<i>LW</i>	Digital Communications, Chapter 5: Optimum Receivers for the Additive White Gaussian Noise Channel, pages 282-257.					
Examiner Signature	<i>Lawrence S. ...</i>		Date Considered	02/25/05		

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